

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002550

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J2/00 B01D46/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 355 (C-1079), 6 July 1993 (1993-07-06) & JP 05 049902 A (EISAI CO LTD), 2 March 1993 (1993-03-02) abstract	1-15
A	EP 1 312 410 A (FREUND INDUSTRIAL CO., LTD.) 21 May 2003 (2003-05-21) column 9, paragraph 44 - column 10, paragraph 49	1
A	US 3 620 234 A (EVERROAD) 16 November 1971 (1971-11-16) column 2, line 16 - column 3, line 17	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

24 November 2004

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30/11/2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 05049902	A	02-03-1993	NONE	
EP 1312410	A	21-05-2003	JP 2002018266 A	22-01-2002
			EP 1312410 A1	21-05-2003
			WO 0183098 A1	08-11-2001
			US 2003190417 A1	09-10-2003
US 3620234	A	16-11-1971	US 3688780 A	05-09-1972
			CA 930286 A1	17-07-1973